

DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL	GF-CC500	
	Prime output	Standby output
Generator power (KW)	450	500
Generator power (KVA)	562.5	625
Max.Engine power (KW)	610	
Engine Model	KTAA19-G5	
Manufacturer	CUMMINS CCEC	
Cylinder Arrangement	6 in line	
Cooling System	Water-cooled, radiator 40 °C max, fans are driven by belt, with safety guard	
Governor Type	Electronic	
Starting System	24V one way start	
Engine Filter	Dry type air filter, fuel filter, oil filter	
Fuel System	PT type fuel pump	
Displacement (L)	18.9	
Compression Ratio	13.9:1	
Rated RPM	1500	
Bore and Stroke (mm)	159x159	
100% (Prime power)load (L/h)	135	
Air Flow (m ³ /s)	1855	
Burning Capacity (m ³ /s)	692	
Exhaust Gas Flow (m ³ /s)	2054	
Exhaust Temperature (°C)	450	
Total Oil Capacity (L)	50	
Total Coolant Capacity (L)	30	
Alternator model	TFW - 500	
Manufacturer	MINYUAN	
Opening switch	MCCB Air switch	
Rated voltage/frequency	400/230V; 50Hz	
Voltage Adjust range	< 5%	
Voltage Regulation	≥ 95% - 105%	
Voltage Regulation, Steady State	< ±1%	
Exciter Type	Brushless, self-exciting	
Insulation Class/Protection Grade	Class H/IP23	
Efect factor of telecom TIF/THF	TIF<50/THF<2%	
Connecting type	3 phase and 4 wires, "Y" type connecting	
Random accessories	Battery, battery's cable, Ripple flex exhaust, exhaust siphon, flange	
Open type - Overall size (mm)	3720x1640x2040	
Weight (kg)	4400	
Soundproof type - Overall size (mm)	6058x2438x2591	
Weight (kg)	5530	

Note: Specifications may change without notice